

31 January 2001 : אלי

Joan Kessner Bechtel-Hanford, Inc. 3190 Washington Way MSIN H9-03 Richland, WA 99352



EDMC

Subject: Contract No. 630

Analytical Data Package

Dear Ms. Kessner:

Enclosed are the hard copy analytical reports for the batch number/fraction indicated (marked X) in the following table:

	. 1 1
LvLl Batch #	0201L828 7 1/3 102
SDG#	H1677 X
SAF#	B01-114
Date Received	1-23-02
# Samples	3
Matrix	Water
Volatiles	X
Semivolatiles	
Pest/PCB	
DRO/GRO	
GC Scan	
Metals	
Inorganics	
===++=================================	***************************************

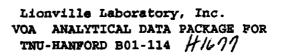
The electronic data deliverable (EDD) will be emailed shortly. If you have any questions, please don't hesitate to contact me at (610) 280-3012.

Sincerely,

Lionville Laboratory Incorporated

Orlette S. Johnson Project Manager FEB 2002 FEB

r:\group\pm\orlette\tnu-hanford\data\bc_ltr.doc



CLIENT ID	RFW :	#	MTX	PREP #	COLLECTN	DATE REC	EXT/PREP	ANALYSIS
B13Y28	001	,	W	02LVG014	01/21/02	01/23/02	N/A	01/25/02
B13Y28	001	MS	W	02LVG014	01/21/02	01/23/02	N/A	01/25/02
B13Y28	001	MSD	W	02LVG014	01/21/02	01/23/02	N/A	01/25/02
B12XL8	002		M	02LVG013	01/21/02	01/23/02	N/A	01/24/02
B12XL8	002	Dl	W	02LVG014	01/21/02	01/23/02	N/A	01/25/02
B12XL9	003		W	02LVG013	01/22/02	01/23/02	N/A	01/24/02
B12XL9	003	D1	W	02LVG014	01/22/02	01/23/02	N/A	01/25/02
LAB QC:								
VBLKIH	MB1		W	02LVG014	n/A	N/A	N/A	01/25/02
VBLKIH	MB1 1	BS	W	02LVG014	n/a	N/A	N/A	01/25/02
VBLKIG	MB1		M	02LVG013	n/a	N/A	N/A	01/24/02



Client: TNU-HANFORD B01-114

LVL #: 0201L828

SDG/SAF #: H1677/B01-114

GC/MS VOLATILE

Three (3) water samples were collected on 01-21,22-2002.

The samples and their associated QC samples were analyzed according to criteria set forth in Lionville Laboratory OPs based on SW 846 Method 8260A for client specified Volatile target compounds on 01-24,25-2002.

The following is a summary of the QC results accompanying these sample results and a description of any problems encountered during their analyses:

- All results presented in this report are derived from samples that met LVLI's sample acceptance 1. policy.
- The analysis holding time was met. 2.
- Non-target compounds were not detected in the samples. 3.
- Samples B12XL9 and B12XL8 required 2 and 50-fold dilution respectively due to high levels of 4. target compounds.
- One (1) of thirty (30) surrogate recoveries was outside EPA QC limits. The out of criteria sample 5. B12XL8 was diluted, analyzed on 01-25-2002 and reported.
- Two (2) of ten (10) matrix spike recoveries were outside EPA QC limits. 6.
 - One (1) of five (5) blank spike recoveries was outside EPA QC limits.

The percent recovery for 1,1-Drichloroethene was biased low; however, all other spike recoveries were within limits. There was no significant impact on the data. A copy of the Sample Discrepancy Report (SDR) has been enclosed.

- Internal standard area criteria were not met for the matrix spike duplicate. The analysis of 7. associated matrix spike sample fulfills the reanalysis requirement of B12Y28 MSD.
- "I certify that this sample data package is in compliance with SOW requirements, both technically 8. and for completeness, other than the conditions detailed above. Release of the data contained in this hard-copy data package has been authorized by the Laboratory Manager or a designee, as verified by the following signature."

J. Michael Taylor

01-30-02 Date

W.O. #: 11343-606-001-9999-00

Date Received: 01-23-2002

President

Lionville Laboratory Incorporated

som\group\data\voa\tnu-hanford\0201-828.doc

The results presented in this report relate only to the analytical testing and conditions of the samples at receipt and during storage. All pages of this report are integral parts of the analytical data. Therefore, this report should only be reproduced in its entirety of 1 4 pages. 02

Lionville Laboratory Sample Discrepancy Report (SDR) SDR #: CONTONS
Initiator: Develor Batch: OLOGURO3, 808 Parameter: OLOGURO3 Somples: 15,001 MJ MSD COLHS MATRIX: USALOR Client: 100 Method: SW846/MCAWW/CLP/ Prep Batch:
1. Reason for SDR a. COC Discrepancy
b. General Discrepancy Missing Sample/Extract Container Broken Hold Time Exceeded Insufficient Sample Preservation Wrong Received Past Hold Improper Bottle Type Not Amenable to Analysis Note: Verified by [Log-In] or [Prep Group] (circle)signature/date:
Note : Verified by [Log-In] or [Prep Group] (circle)signature/date: c. Problem (Include all relevant specific results; attach data if necessary) For work of up of dark, Noticed what Dee west had been manually integrated be low the Actual base was . Face ded to integrate properly and in Dane or where work is out too! (Jawes I min tel!) I. I Dee with also out IN. The Above the Herred MSIMSD SETS. CAN we harranted? samples still in Holl we could town MSIMSD.
2. Known or Probable Causes(s)
3. Discussion and Proposed Action Re-log Entire Batch Following Samples: Re-leach Re-extract Re-digest Revise EDD Change Test Code to Place On/Take Off Hold (circle) 4. Project Manager Instructions, signsture/date:
Concur with Proposed Action Disagree with Proposed Action; See Instruction Include in Case Narrative Client Contacted: Date/Person Add Cancel
5. Final Actionsignature/date: 124(02 Other Explanation: Verified re-[log][leach][extract][digest][analysis] (circle) 0201L823 Brc 130102 Nocluded in Case Narrative
When Final Action has been recorded, forward original to QA Specialist for distribution and filing.
Route Distribution of Completed SDR X Initiator X Lab General Manager M. Taylor X Project Mgr. Stone Johnson/Daslett X Technical Mgr. Wesson/Daniels X QA (file): Alberts Data Management: Feldman Sample Prep: Beegle/Kiger Route Distribution of Completed SDR Metals: Beegle Inorganic: Perrone GC/LC: Kiger MS: Rychlak/Layman Log-in: Keppel Admin: Soos Other: Other:

GLOSSARY OF VOA DATA

ABBREVIATIONS

BS	* =	Indicates blank spike in which reagent grade water is spiked with the CLP matrix spike solutions and carried through all the steps in the method. Spike recoveries are reported.
BSD	=	Indicates blank spike duplicate.
MS	185	Indicates matrix spike.
MSD	#	Indicates matrix spike duplicate.
DL	=	Suffix added to sample number to indicate that results are from a diluted analysis.
NA	***	Not Applicable.
DF	***	Dilution Factor.
NR	**	Not Required.
SP, Z	*	Indicates Spiked Compound.



GLOSSARY OF VOA DATA

DATA QUALIFIERS

- U = Compound was analyzed for but not detected. The associated numerical value is the estimated sample quantitation limit which is included and corrected for dilution and percent moisture.
- Indicates an estimated value. This flag is used under the following circumstances: 1) when estimating a concentration for tentatively identified compounds (TICs) where a 1:1 response is assumed; or 2) when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero. For example, if the limit of detection is 10 ug/L and a concentration of 3 ug/L is calculated, it is reported as 3J.
- B = This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination. This flag is also used for a TIC as well as for a positively identified TCL compound.
- E = Indicates that the compound was detected beyond the calibration range and was subsequently analyzed at a dilution.
- D = Identifies all compounds identified in an analysis at a secondary dilution factor.
- 1 = interference.
- NQ = Result qualitatively confirmed but not able to quantify.
- N = Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the N code is not used.
- X = This flag is used for a TIC compound which is quantified relative to a response factor generated from a daily calibration standard (rather than quantified relative to the closest internal standard).
- Y = Additional qualifiers used as required are explained in the case narrative.



5

TECHNICAL FLAGS FOR MANUAL INTEGRATION

Manual quan modifications or integrations are performed routinely to improve the data quality for a variety of technical reasons. Documentation of these modifications should be clear and concise. The following "flags" are used to indicate the technical reasons for quan modifications:

- MP Missed Peak: manually added peak not found by automatic quan program.
- PA Peak Assignment: quan report was changed to reflect correct peak assignment.
- RI Routine Integration: routine integrations are performed for some analytes that are consistently integrated improperly by the automatic integration programs. Examples are the dichlorobenzene isomers on the VOA packed column and benzo(b)fluoranthene/benzo(k)fluoranthene which are poorly resolved on the BNA column.
- SP Split Peak: the automatic integration improperly split the peak; a manual integration was performed to get the correct area.
- CB Coelution/Background: peak was manually integrated to eliminate contribution from coeluting compounds, background signal, or other interference.
- Proper Integration: a peak with poor or inconsistent integration (e.g., excessive tail) was properly integrated manually.



Lionville Laboratory, Inc.

Volatiles By GC/MS, Special List

Report Date: 01/30/02 08:53 Client: TNUHANFORD B01-114 H1677 Work Order: 11343606001 Page: 1a RFW Batch Number: 0201L828

Cust ID:		B13Y28	3	B13Y28		B13Y28	1	B12XL8	:	B12XL8	B12XL	3		
Sample Information	RFW#: Matrix: D.F.:	001 WATER 1.0	_	WATER	001 MS WATER 1.00		001 MSD WATER 1.00		: 10	002 DI WATER 50.		WATER		
	Units:	ug/I	4	ug/L		ug/L		ug/L	ı	ug/I	,	ug/I		
То	luene-d8	95	¥	97	8	93		97	ક	97	ક	94	₹	
Surrogate Bromofluor	_	110	*	109	¥	111	*	117 *	*	108	윻	114	*	
Recovery 1,2-Dichloroe		100	ક્ષ	101	४	107	*	108	*	103	¥	102	*	
=======================================	=======================================		=f1=		=fl=	*=======	=fl=		=f1	*======	=fl:		==fl	
Chloromethane		10	U	10	Ū	10	U	10	U	500	U	10	U	
Bromomethane		10	U	10	Ū	10	U	10	U	500	U	10	U	
Vinyl Chloride		10	U	10	U	10	U	10	U	500	U	10	U	
Chloroethane		10	U	10	Ū	10	Ū	10	Ū	500	U	10	U	
Methylene Chloride	·	5	U	5	U	5	U	16		160	JD	13		
Acetone		10	U	10	U	10	U	13	J	500	U	34		
Carbon Disulfide		. 5	Ū	5	U	5	U	5	U	250	Ū	5	U	
1,1-Dichloroethene		5	U	60 *	*	58 *	*	5	U	250	U	5	U	
1,1-Dichloroethane		5	σ	5	U	5	U	5	IJ	250	U	5	U	
1,2-Dichloroethene (total)	5	U	5	U	5	U	5	U	250	U	5	Ü	
Chloroform		5	U	5	U	5	U	50		250	U	270	E	
1,2-Dichloroethane	· <u>-</u>	5	U	5	U	5	IJ	5	U	250	Ū	5	U	
2-Butanone		10	Ŭ	10	U	10	U	12	J	500	U	25		
1,1,1-Trichloroethane		5	U	5	U	5	ប	5	Ũ	250	U	5	ប	
Carbon Tetrachloride		5	U	5	U	5	U	4400	B	2800	D	350	E	
Bromodichloromethane		5	U	5	U	5	U	5	U	250	U	5	U	
1,2~Dichloropropane		5	U	5	Ū	5	U	5	Ū	250	U	5	Ū	
cis-1,3-Dichloropropene_		5	U	5	Ū	5	U	5	ប	250	U	5	U	
Trichloroethene		5	U	91	ક્ર	92	ક	3	J	250	Ū	5	Ū	
Dibromochloromethane		5	U	5	U	5	U	5	ប	250	U	5	Ū	
1,1,2-Trichloroethane		5	Ū	5	Ū	5	U	5	U	250	ប	5	Ū	
Benzene		5	U	89	¥	90	ક્ષ	5	U	250	U	5	บ	
Trans-1,3-Dichloropropene		5	U	5	U	5	Ü	5	U	250	U	5	Ū	
Bromoform		5	Ü	5	U	5	U	5	U	250	U	5	U	
4-Methyl-2-pentanone		10	Ū	10	ប	10	U	10	IJ	500	U	10	Ü	
2-Hexanone		10	U	10	U	10	U	10	Ū	500	Ū	10	Ü	
Tetrachloroethene		5	U	5	บ	5	U	5	U	250	Ū	5	Ü	
1,1,2,2-Tetrachloroethane	5	U	5	U	5	U	5	U	250	Ū	5	U		
Toluene	5	U	101	૪	99	¥	3	J	250	Ū	5	-		
*= Outside of EPA CLP QC	limits.											· ·		

RFW Batch Number: 0201L828	Clie	ent: TNU	LANFOR	D B01-114	H16	77 Work (rder:	: 113436060	01	Page: 1h	2		_
Ct	ust ID:	B13Y28	•	B13Y28	1	B13Y28	1	B12XL8		B12XL8	1	B12XL9	∞
	RFW#:	001		001 MS	;	001 MSI	•	002		002 DI	•	003	
Chlorobenzene		5	U	98	૪	97	₹	5	U	250	Ū	5	<u>u</u> _
Ethylbenzene		5	U	5	Ū	5	U	5	U	250	U	5	Ū
Styrene		5	U	5	ប	5	Ų	5	U	250	U	5	U
Xylene (total)		5	U	5	U	5	U	5	Ü	250	U	5	Ū
N-butylbenzene		5	U	5	Ū	5	U	5	U	250	U	-5	U
*= Outside of EPA CLP QC 1:	imits.												

Lionville Laboratory, Inc.

Volatiles By GC/MS, Special List

Report Date: 01/30/02 08:53 🗲 Client: TNUHANFORD B01-114 H1677 Work Order: 11343606001 Page: 2a RFW Batch Number: 0201L828

	Cust ID:	B12XL9)	VBLKIH		VBLKIH BS		VBLKIG		
Sample Information	RFW#: Matrix: D.F.: Units:	003 DI WATER 2.0 ug/I	0	02LVG014-M WATER 1.0 ug/L	0	02LVG014-M WATER 1.0 ug/L	0	02LVG013-N WATER 1.0 ug/I	0	
	Coluene-d8	96		96		94	*	97		
	robenzene	106	*	110	ક	107	ક	115	용	
Recovery 1,2-Dichloro		101	8	99	¥	104	욯	97	ક્ર	
		-		_		******	=fl		=f1	l=====================================
Chloromethane		20	U		Ū	10		10	U	
Bromomethane		20	U	10	Ū	10	U	10	Ū	
Vinyl Chloride		20	Ū	10	U	10	Ū	10	Ū	
		20	U	10	Ū	10	Ū	10	Ū	
Methylene Chloride		10	U	5	U	5	Ū	5	Ū	
Acetone		34	JD	10	Ū	10	U	10	υ	
Carbon Disulfide		10	U	5	Ū	5	U	5	U	
1,1-Dichloroethene		10	U	5	U	60 ±	*	5	U	
1,1-Dichloroethane		10	U	5	Ū	5	U	5	U	
1,2-Dichloroethene (tota	1)	10	U	5	U	5	U	5	U	
Chloroform		270	D	5	Ū	5	U	5	U	
1,2-Dichloroethane		10	Ū	5	Ū	5	U	5	U	
2-Butanone		27	JD	10	U	10	U	10	U	
1,1,1-Trichloroethane		10	U	5	Ū	5	U	5	Ū	
Carbon Tetrachloride		330	D	5	U	5	U	5	Ü	
Bromodichloromethane		10	U	5	U	5	U	5	U	
1,2-Dichloropropane		10	U	5	U	5	U	5	Ū	
cis-1,3-Dichloropropene		10	U	5	U	5	บ	5	U	
Trichloroethene		10	U	5	Ū	90	ક્ષ	5	U	
Dibromochloromethane		10	U	5	Ū	5	U	5	U	
1,1,2-Trichloroethane		10	Ü	5	U	5	IJ	5	บ	
Benzene		10	U	5	Ū	89	욯	5	U	
Trans-1,3-Dichloroproper	ne	10	U	5	Ū	5	U	5	U	
Bromoform		10	U	5	U	5	Ų	5	U	
4-Methyl-2-pentanone		20	U	10	Ū	10	U	10	U	
2-Hexanone		20	U	10	U	10	U	10	U	
Tetrachloroethene		10	U	5	U	5	U	5	Ü	
1,1,2,2-Tetrachloroethar	ne	10	U	5	Ū	5	U	5	Ū	
Toluene		5	JD	5	Ū	97	왕	5	U	

*= Outside of EPA CLP QC limits.

RFW Batch Number: 0201L828 C1	ient: TNUHAN	FORD B01-114 H	1677 Work Ord	er: 11343606001	Page: 2b
Cust ID:	B12XL9	VBLKIH	VBLKIH BS	VBLKIG	
RFW#:	003 DL	02LVG014-MB1	02LVG014-MB1	02LVG013-MB1	
Chlorobenzene	10 U	5 U	96 %	5 Ü	
Ethylbenzene	10 U	5 U	5 U	5 Ü	
tyrene	10 U	5 U	5 U	5 U	
<pre>Xylene (total)</pre>	10 U	5 Ü	5 ซ	5 U	
N-butylbenzene	10 U	5 U	5 U	5 U	
*≈ Outside of EPA CLP QC limits.					

Lionville Laboratory Use Only

Custody Transfer Record/Lab Work Request Page 1 of 1

O	VLI)
	PONCHOOD AND STATE BY	

02011828

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

										7														
Client TAL	U- H	Autord	B01-114	<u> </u>			Refriger	stor#	18.0.2							i de la composition della comp				-6 A.		2 14. 4	1	1987
Est. Final Pro	I. Sam	pling Date					#/Type	Container	Liquid	3A6	2				3 / Y / A	. Se.						No.	9 (1) (1)	1,150 g () 1,31,32
Project #		343-606-	001- 9999-	00		ا جينت			Solid			-34		,	-2 G		Anni -		1 S		ليفقي		101	33.5
		ine #					Volume		Liquid	40					3.7				3.5			2.3		进步
		Project Manag	and the second second	93					Solid									,					-	
		Del Sn		30 days			Preserv	utives		Ha			·				10.00	20					نسبي	
							ANALY:	RES			ORG						·INC							
Date Rec'd		23-02	Date Due	2-22-0	<u></u>		REQUE	STED	-	Š	BNA AN	Pest/ PCB	Herb				Metal	Š						
		1			Mai				T			<u></u>	1	المحمدينا	Lionvi	ile La	borate	ry Us	e Only	/	1			
MATRIX CODES: S - Soli SE - Sediment SO - Solid	Lab (D	, c	ilent ID/Description	1	Cho (v	C sen	Matrix	Date Collected	Time Collected	0624x														
SL - Sludge W - Water O - Oil	001	B13428			M-S	MSD	W	1-21-02	1700	X														
A - Alr DS - Drum		BIZKLE							1322	χ														
Solids DL - Drum		BILXL							Δ2.5 θ	X														
Elquids L - EP/TCLP	لعمر		•			1	- 4				- 1													9
Leachate Wi - Wipe																						> >		
X - Other																							الله و المارية الأساور	
F - Fish	 			. <u> </u>															1					
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																-								
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Special Instruct	tions:	SAC H	B01-114			DATE/	REVISION	is:	L	<u> </u>			L.,	<u> </u>		سسا			Lionvil	le Labo	ratory	Use O	alv	
	R	SAF # m Matrix	R e					1 2 3 4 5 6									- 1) Hi Ai - 2) - 3) Ci 4)	shippe Shippe and Del rbill #_ Ambie Receivendition	were: id Nered SEC I+ w nt on C red in G	or Willed	Tun 1) Pa 2) Pa 3)	nper Reel Present citage Unbrok citage (Present Unbrok mple (1	stant Section Out on Out on on Out on Section Section	iter N Outer N Imple N
Relinquished by		Received by	Date T	lme Re	linqui by	shed	~	Received by		ate	Tir	ne		repanci					Preserv Ø o	r N	CC	XC Reci	ord Pre	esent C'1
FEOEX	(aldent	1-23-02 10	00			MPOS NAST		OR REV		VAL	N	NOT	Recon	d? Y →	or (N)		Hecen oldling 1	ved Witt Firmes			oler mp	(A) OI	- *C

Bechtel Hanf	ford Inc.	CF	IAIN OF CUST	ropy/s	AMPL	E ANAL)	YSIS	RE	QUEST			B01-114-42	Page 1	of 1
Collector Rence Nielson		Compa	ny Contact nia Rohay	Telepho 372-9	ne No.			Proje	ect Coordin NT, SJ	stor	Price C	ode 7N		maround
Project Designation PFP Well Installation Samp	pling and Analysis - Water		ng Location West					SAF 1 B 01-			Air Q	uality []	45	Days
Ice Chest No. 5RC	010.00-	Field L EL-1	ogbook No. 562		COA Method of Shipment T20ZP1D722 Federal Express									
Shipped To TMA/DECRA			Property No.	BZC	09.	3		BO	f Leding/	F BUIL	795	35,-	Ø47:	5
POSSIBLE SAMPLE HA	ZARDS/REMARKS		Preservation	HCl or H25O- to pH <2 Coo						:				
Samples did not origina radiological controlled	area. No		Type of Container	aGs*										
total activity associated sample/samples.	Jwith PTになって	ļ	No. of Container(s)	3									<u> </u>	
Special Handling and/or S	Storage		Volume	40mL				\perp					ļ	
	SAMPLE ANALY	ysis		VOA - 8760A (TCL); VOA 8260A (Add- On) (n- Butylbengens	-}			1						
Sample No.	Matrix *	Sample Date	Sample Time											
B13Y28	WATER	1-4-0	2 1700	X	ļ									
				 			 	\dashv	<u> </u>					
CHAIN OF POSSES		Sign/Prin		1	SF	ECIAL INSTR	UCTIO	ONS		<u></u>				Matrix *
Belinguished By Remove	NICON 12202 COHOMBUTING OF C 3728 1.22.02 Drepate/Time OF E ERC 1.220 Date/Time	Z Received By	# 20 1/22 1 Kinover) Cut 1-23-0:	1.22. Date/Time	900	Saipp	ing Fa ble to	cility relind	Ref.# <u>J</u> on <u>LiZi</u> quish sam	Ples or	ilector r			S=Soll SD=Solid SC=Solid S=Studge W = West O=OH A=Air DB=Drass Solide DE=Drass Solide ToTlense V=Yest V=Vegetation Z=Other
LABORATORY Receive	red By			1	litle		-						Date/Time	
	sal Method				<u></u>	Dispo	osed By					`\	Dete/Time	

Bechtel Hanford Inc.		C1	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST								B0	1-114-06	Page 1	Page 1 of 1	
Collector Rence Nielson			Compuny Contact Telephone No. Virginia Rohay 372-9100					Project Coordinator TRENT, SJ			Price Code 7N		Data Turnaround		
Project Designation Sampling and Analysis - Water 200			Sampling Location 200 West; Well Number C3803, Well Name 299-W15-42					SAF No. B01-114			Air Quality 🗆		45 Days		
Ice Chest No.	2.00.010				OOA 1 20ZP1D722			od of Shipe Icral Expres			1.27.0	Z			
Shipped To TMARECRA		Offitte Property No. A &Z O O			193			Lading/A	E BULN	754	5-6475				
POSSIBLE SAMPLE	Preservation	RUN (US)) HCI or HISSON to pH <2 Coo	,												
		Type of Container	∍Gs*												
Special Handling and		No. of Container(s)	3												
Special Handling and/or Storage			Volume	40mL											
·		VOA - \$260A (TCL); VOA - \$260A (Add- On) (n- Butylbenzene													
Sample No.	Matrix *	Sample Date	Sample Time				3000000					8 9 9 9 9 9 9			
B12XL8	WATER	120	2 2322	Х						200000000000000000000000000000000000000			,		
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CHAIN OF POS		Sign/Prim	Names	<u> </u>	SPEC	TAL INSTR	UCTIO	NS NS				<u> </u>		Matrix *	
Date Time Color In Date Time Col								5-¢oli							
Retinguished By Rem	OVADEV BARTIME OF E		Phone	C(Time	900 NS	e Bla	YL3	3 1	by Sh	ypu	9			SIS=Sedictural SO=Sedid S =Sledge	
Rain Capacity KTV	100 empatertime 091	OZ Received By) () (D	I-ZZ Me/Time	·02						-			W=Wilter O=Oli AmAir	
Relinquished By FENEY	Respived By	D		Samples stored in Ref.# 22 at the					728		ū	DB-Dram Selids DL-Dram Liquids T-Clama			
Rolinquished By	/-23-02 /000 Dete/Time	Received By	mf 1-23-02	2	Shipping Facility on 12702 Collect available to relinquish samples on 1					ZOZ			WjeWige IrLiquid VeVquinies		
Relinquished By	Date/Time	Received By	De	tte/Time		for ship	ment.			ſΖ	T 1-22	2.02		X-Other	
LABORATORY Re SECTION	oceived By			Ti	itie	<u> </u>						De	te/Time		
FINAL SAMPLE DI DISPOSITION	isposal Method	<u>-</u>				Dispo	sed By			-		D	ste/Time		
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Bechtel Hanford Inc.		C	HAIN OF CUST	REQUE	ST	B01-114-07		Page 1	of I				
Collector Renec Nielson			Company Contact Telephone No. Virginia Rohay 372-9100						rdinator	Price Code 7N		Data Tu	rearound
Project Designation PFP Well Installation Sampling	Sampl 200	Sampling Location 200 West; Well Number C3803, Well Name 299-W15-42							Air Quality []		45 Days		
Ice Chest No. ER C.	00.00	ogbook No. 1562	COA T20ZP1D7	NOA 20ZP1D722			Method of Shipment Foderal Express						
Shipped To TM ORECRA	· · · · · · · · · · · · · · · · · · ·	Property No. A	79=	3	Bill of Ledi		155 -	-A475					
POSSIBLE SAMPLE HAZAI	RDS/REMARKS	Preservation	R1N川気を HC2 or #3804 も pH な Coo										
 			Type of Container	aGs*					1			 	
			No. of Container(s)	3									<u> </u>
Special Handling and/or Store	Volume	40mL											
	SAMPLE ANALY	sis		VOA - 8260A (TCL); VOA - 8260A (Add- On) (n- Butylbenumic)									
Sample No.	Matrix *	Sample Date	Sample Time							\			
B12XL9	WATER	12202	0258	X			5000000000000						
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CHAIN OF POSSESSIO										_	- 	 	
Relinquished By	Date/Time	Sign/Pring	Names	ute/Time OV	バクエ	IAL INSTR					"	- L -	Matrix *
Relinghished By RE MOURANCE	CNUSDY 1226 128 1.22.02 128 1.22.02 128 1.22.02	Receive By	RThoren	41 DZ-	ed W	sc Bia	-XL?	3 for	Ship	ping			S-Seil SD-Seimmi SO-Seild E-Skinder W = Water O-Oil A-Air
Relinquished By FGD 6× 1-	Date/Time Samples sto Shipping Fa available to					n Ref.# <u>2(</u> y on [_/ <u>Z</u> .{	at the 3			DS=Drum Selids DL=Drum Liquids T=Tioms WI=Wips L=Liquid			
Relinquished By	Date/Time			for shinment.				71.8207			VerVegetation X=Other		
Relinquished By	Date/Time	Received By	De	ate/Time					^	. / /- < 0			
LABORATORY Received By SECTION			"	Tie	le					<u> </u>]	Date/Time	l
FINAL SAMPLE Disposal Me DISPOSITION	thod					Dispos	sed By			·—		Date/Time	·
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